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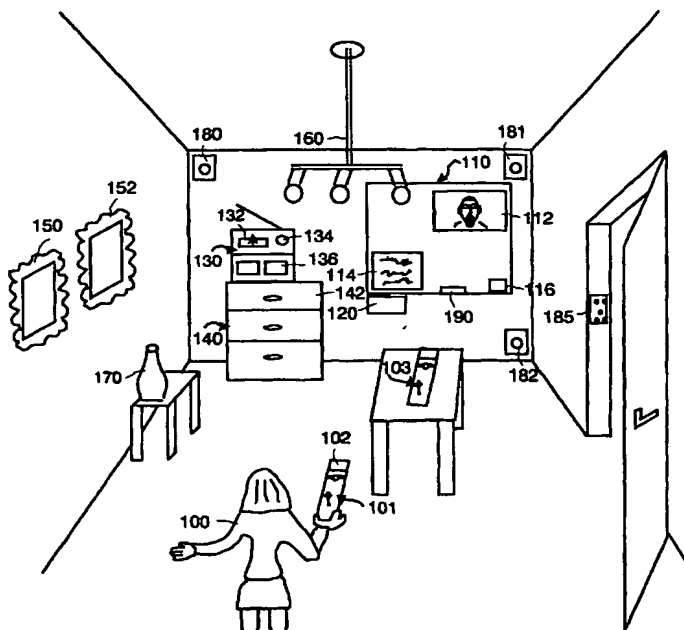
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[Continued on next page]

(54) Title: USER INTERFACE SYSTEM BASED ON POINTING DEVICE



(57) Abstract: The user interaction system comprises a portable pointing device (101) connected to a camera (102) and sending pictures to a digital signal processor (120), capable of recognizing an object (130) and a command given by the user (100) by moving the pointing device (101) in a specific way, and controlling an electrical apparatus (110) on the basis of this recognition.



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A. CLASSIFICATION OF SUBJECT MATTER  
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## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 101 10 979 A1 (SIEMENS AG) 26 September 2002 (2002-09-26) paragraph '0001! - paragraph '0031!	1-17
X	EP 1 130 906 A (HEWLETT-PACKARD COMPANY; HEWLETT-PACKARD COMPANY, A DELAWARE CORPORATION) 5 September 2001 (2001-09-05) abstract column 3, line 7 - column 6, line 13	1-17
A	US 5 949 351 A (HAHM ET AL) 7 September 1999 (1999-09-07) abstract; figure 1 column 3, line 56 - column 4, line 65 -/--	1-17

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 0 443 419 A (BIZERBA-WERKE WILHELM KRAUT GMBH &amp; CO. KG; BIZERBA GMBH &amp; CO. KG) 28 August 1991 (1991-08-28)  abstract; figure 1  column 1, line 1 - column 4, line 52</p>	1-17

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